

## Department New Request Form

Fiscal Year 2024

Program	Public Works	Title of New Request:	Rank:	2
Department	Streets			
Request Category	Capital Outlay			
Request Rating	Required			
Department Goal	Maintain City sweeping program			

### **1. How will request assist in achieving Department Goal and benefit the customer**

Streets crews attempt to sweep all City streets a minimum of four times per year. The City is responsible for maintaining approximately 344 centerline miles of City streets/MDT routes. Sweeping streets is essential to minimize airborne fugitive particulate and continue compliance with EPA and Missoula County mandated air quality PM10 standards. The City sweeping program also contributes to protecting storm water and ground water quality by removing debris/sediment/petroleum based that would otherwise flow into storm drainage infrastructure. Street sweeper estimated current purchase price ranges from \$340,500 - \$375,000. Sweepers are high wear and high maintenance equipment under normal operations. Additionally, as sweepers age and wear-out maintenance costs and down time increase to unacceptable levels. The City's current fleet consists of nine (9) sweepers ranging in age from 8-16 years. The City strives to achieve a 5 year sweeper replacement schedule. FY22 sweeper parts costs for sweeping fleet were \$ 88,175. FY 23 sweeper parts expenditures are currently \$69,664 and are expected to exceed \$90,000 by fiscal year end. FY23 budget allocation for sweeper parts is \$47,720. Purchasing four new vacuum sweepers will allow the City to remove the four oldest and most worn out sweepers from the fleet. The new sweepers will move to front line operation and result in lower maintenance costs. New more reliable sweepers will benefit sweeping program efficiency with reduced downtime. Street Division sweeping program is a public service that provides equal benefit to all citizens by improving air quality, reducing contaminants in storm water, and assists with preserving drinking water quality.

### **2. What specifically is needed to achieve this goal?**

In FY23 City Council approved and funded \$178,326 for the required match to purchase four (4) vacuum sweepers through the Congestion Mitigation and Air Quality Improvement (CMAQ) Federal program administered by Montana Department of Transportation, (MDT). A waiver for purchasing equipment that does not comply with the Federal policy "Build America Buy America", (BABA), policy, which requires equipment to be manufactured with USA produced steel was applied for and not awarded to date in FY 23. The sweepers have not been purchased. Recent information from sweeper manufacturers indicates several companies can now comply with BABA. MDT is currently reviewing Federal CMAQ regulations and preparing new bid documents reflecting sweeper manufacturers assertion BABA compliance can be achieved. It is anticipated bid documents will be completed in FY 24 enabling the City to utilize CMAQ funding for purchase of four (4) new sweepers. The City will need to provide a one time match of %13.42 of approximately \$1,500,000 in the amount of \$201,300 plus an estimated 11% MDT admin fee at \$22,143 to purchase four (4) vacuum sweepers. Resultant one time cost to the City will be approximately \$223,443. Match amount is based on estimated current cost for one vacuum sweeper of \$340,500 - \$375,000. The unexpected FY23 approved match of \$178,326 will rollover, which is deficient by \$45,117. An additional one time allocation of \$45,117 is needed and authorization to use the previously approved funds from FY23 to purchase four (4) new sweepers. This one time match will allow the City to leverage approximately \$1,276,557 in Federal funds.

Background: The CMAQ program provides a flexible funding source for State and local governments to fund transportation projects and programs to help meet the requirements of the Clean Air Act (CAA) and its amendments. The legislation is codified at 23 USC Sec 149. CMAQ money supports transportation projects that reduce mobile source emissions in areas designated by the U.S. Environmental Protection Agency (EPA) to be in nonattainment or maintenance of the national ambient air quality standards (Ref. USDOT, Federal Highway Administration). Historically, the City participated in purchasing equipment through CMAQ until 2016 by use of a waiver to the "Buy America" policy. In 2017, Federal rules changed and the City could no longer apply for the waiver to purchase new equipment through CMAQ program.

### **3. Cost Impact of New Program:**

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